

Converting Colors

XYZ(37.5613, 39.2400, 55.5225)

Have a look what the booklet for
XYZ(37.5613, 39.2400, 55.5225)
contains.

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Color

**XYZ(37.6070, 39.3498,
55.4823)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA9C0
RGB	157, 169, 192
RGB Percent	62%, 66%, 75%
CMY	0.3843, 0.3372, 0.2471
CMYK	0.18, 0.12, 0.00, 0.25
HSL	219°, 22%, 68%
HSV	219°, 18%, 75%
XYZ	37.6070, 39.3498, 55.4823
YIQ	168.0340, -14.5350, 4.6090

Conversions

Conversions Part 2

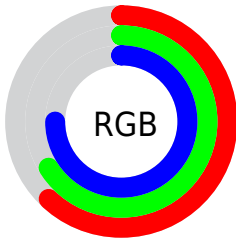
Format	Color
RYB	157, 166, 192
Decimal	10332608
CIELab	69.00, 0.67, -13.19
CIELCh	69, 13.204, 272.918
Yxy	39.3498, 0.2840, 0.2971
Android (android.graphics.Color)	4288522688 (0xFF9DA9C0)
YUV	168.0340, 11.8152, -9.6768
Hunter-Lab	62.7294, -2.7637, -8.5296

Details

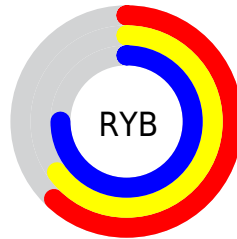
The XYZ color **37.6070, 39.3498, 55.4823** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.1456, 46.2832, 38.5060**, and the grayscale version is **37.1860, 39.1226, 42.6045**.

A 20% lighter version of the original color is **70.7503, 74.0857, 99.3780**, and **16.8472, 17.5899, 26.9333** is the 20% darker color. If you saturate the color by 10%, you get **31.9166, 33.0994, 54.5764**, and if you desaturate by 10%, it is **44.1149, 46.3598, 56.4930**.

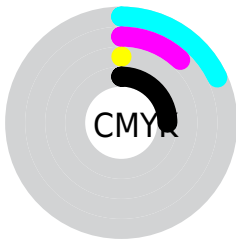
Distribution



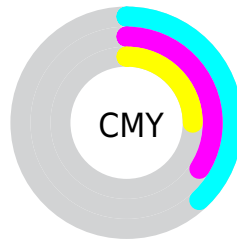
- Red (62%)
- Green (66%)
- Blue (75%)



- Red (62%)
- Yellow (65%)
- Blue (75%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)



- Cyan (38%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6070, 39.3498, 55.4823 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 37.6070, 39.3498, 55.4823 by changing the saturation by 10% instead.

■ 37.6070, 39.3498,
55.4823

■ 37.6070, 39.3498,
55.4823

327.2412,
343.3754, 425.0709

■ 25.8536, 27.0320,
39.3868

■ 70.8132, 74.1724,
99.7255

■ 16.8463, 17.5972,
26.7506

■ 92.9967, 97.4459,
128.7102

■ 10.2196, 10.6612,
17.1552

119.3876,
125.1402, 162.8284

■ 5.6082, 5.8395,
10.1821

150.3513,
157.6395, 202.4987

■ 2.6467, 2.7477,
5.4127

186.2532,
195.3282, 248.1396

■ 0.9698, 1.0015,
2.4284

227.4586,

■ 0.0000, 0.0000,

238.5909, 300.1695

0.8019

274.3328,
287.8118, 359.0071

■ 0.0000, 0.0000,
0.0000

■ 37.6070, 39.3498,
55.4823

■ 37.6070, 39.3498,
55.4823

■ 31.9166, 33.0994,
54.5764

■ 44.1149, 46.3598,
56.4930

■ 27.0064, 27.5770,
53.7693

■ 51.4686, 54.1502,
57.6091

■ 22.8413, 22.7556,
53.0582

■ 59.6991, 62.7466,
58.8346

■ 19.3820, 18.6044,
52.4392

■ 68.8351, 72.1723,
60.1724

■ 16.5852, 15.0903,
51.9083

■ 78.9037, 82.4494,
61.6254

■ 14.4027, 12.1766,
51.4610

■ 83.3163, 90.1893,
62.8868

■ 12.7784, 9.8224,
51.0922

■ 86.5145, 96.5858,
63.9529

■ 11.6288, 7.9711,
50.7954

■ 11.4534, 7.6836,
50.7492

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.5900, 39.3498, 54.0049



37.6070, 39.3498, 55.4823



39.6415, 39.3498, 53.3200

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.6070, 39.3498, 55.4823



40.8988, 39.3498, 36.8552



33.9149, 39.3498, 37.7864

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.6070, 39.3498, 55.4823



44.1456, 46.2832, 38.5060

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35.2462, 39.3498, 33.8408



37.6070, 39.3498, 55.4823



39.2721, 39.3498, 33.3397

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.6070, 39.3498, 55.4823



41.5861, 39.3498, 42.2585



37.1954, 39.3498, 32.2894



33.5062, 39.3498, 43.4374

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.6070, 39.3498, 55.4823



40.7202, 39.3498, 50.2139



37.1954, 39.3498, 32.2894



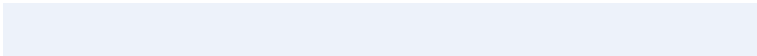
34.2669, 39.3498, 36.2352

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.6082, 39.3514, 55.4832



83.9599, 88.2899, 102.9768



40.9678, 48.1532, 50.1826



17.8150, 18.7314, 22.0619



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.6082, 39.3514, 55.4832



63.7148, 66.4668, 99.8315



36.5233, 35.6282, 54.8217



9.8044, 10.3001, 12.7562



7.7726, 5.3018, 34.1703



0.4006, 0.3585, 1.4980

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



40.9576, 38.1859, 42.7499



70.9950, 64.1443, 72.1070



45.3685, 50.6675, 39.2878



10.2126, 10.1336, 11.2099



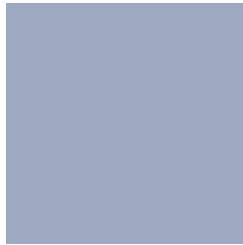
15.3192, 7.8174, 4.3272



0.6946, 0.3508, 0.3590

Previews

White Background



This preview shows how the XYZ color 37.6070, 39.3498, 55.4823 looks on a white background.

Color Contrast Check

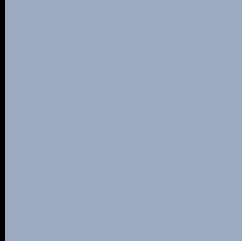
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 37.6070, 39.3498, 55.4823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

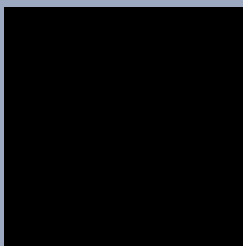
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

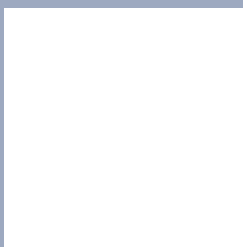
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.6070, 39.3498, 55.4823

Background



This preview shows how black text looks on a background with the XYZ color 37.6070, 39.3498, 55.4823.



This preview shows how white text looks on a background with the XYZ color 37.6070, 39.3498,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.6070, 39.3498, 55.4823

Protanopia

38.5325, 39.2915, 54.8434

Deuteranopia

40.1347, 39.2854, 55.9196



Tritanopia

36.5440, 39.1787, 50.9836

Trichromacy



Original Color

37.6070, 39.3498, 55.4823

Protanomaly

38.1045, 39.3439, 54.8760

Deuteranomaly

39.1982, 39.3382, 55.9791

Tritanomaly

37.0547, 39.4052, 52.6667

Monochromacy



Original Color

37.6070, 39.3498, 55.4823

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.2483, 39.0721, 47.1734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6070, 39.3498, 55.4823 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(157, 169, 192)` looks like.

```
.text, #text, p{  
    color:rgb(157, 169, 192)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(157, 169, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 169, 192) }
```

Border

The CSS property to change the border of an element to XYZ 37.6070, 39.3498, 55.4823 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 169, 192) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(157, 169, 192) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(157, 169, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 169, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 169, 192);  
box-shadow:4px 4px 4px 4px rgb(157, 169,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6070, 39.3498, 55.4823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 169, 192) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(157,  
169, 192) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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